PATENT COOPERATION TREAT

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220					
RLL-445WO	ACTION a	as well as, where applicable, item 5 below.					
International application No.	International filing date (day/nionth/year) (Earliest) Priority Date (day/month/year)						
PCT/IB2004/003380	15/10/2004 17/10/2003						
Applicant							
RANBAXY LABORATORIES LIMIT	red						
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searchin ansmitted to the International Bureau.	g Authority and is transmitted to the applicant					
This International Search Report consists of a total of6 sheets.							
	a copy of each prior art document cited	n this report.					
Basis of the report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.							
The international this Authority (Ru		translation of the international application furnished to					
b. With regard to any nucleo	otide and/or amino acid sequence disc	losed in the international application, see Box No. I.					
2. X Certain claims were fou	nd unsearchable (See Box II).						
3. Unity of invention is lac	king (see Box III).	Best Available Co					
4. With regard to the title ,		<u>₹</u>					
X the text is approved as su	bmitted by the applicant.						
the text has been establis	hed by this Authority to read as follows:	ે					
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E Neglis assessed to the extraction		9					
5. With regard to the abstract,	phmitted by the applicant						
the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant							
		search report, submit comments to this Authority.					
6. With regard to the drawings ,							
a. the figure of the drawings to be p	oublished with the abstract is Figure No.						
as suggested by t							
	s Authority, because the applicant failed						
	s Authority, because this figure better ch	aracterizes the invention.					
b none of the figures is to b	e published with the abstract.						

Form PCT/ISA/210 (first sheet) (January 2004)

International Application No CT/IB2004/003380

C12R1/465

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N1/20 C12P17/18 A61K31/535 //(C12P17/18,C12R1:465)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ccc} \text{Minimum documentation searched} & \text{(classification system followed by classification symbols)} \\ IPC 7 & C12N & C12P & C12R \\ \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, CHEM ABS Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
χ	US 5 194 378 A (SALITURO ET AL)	18-20
	16 March 1993 (1993-03-16)	
	cited in the application	
Α	column 1, line 66 - column 5, line 24	1-3
	column 7, line 57 - column 8, line 2	
	examples 1,2	
Χ	US 5 116 756 A (DUMONT ET AL)	18-20
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Α	claim 1	1-3
χ	US 4 894 366 A (OKUHARA ET AL)	18-20
	16 January 1990 (1990-01-16)	
	cited in the application	
Α	column 8, line 58 - column 13, line 22	1-3
	examples 1,2	
	claim 12	

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family 		
Date of the actual completion of the international search	Date of mailing of the international search report		
14 April 2005	04/05/2005		
Name and mailing address of the ISA	Authorized officer		
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	van de Kamp, M		

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international Application No
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Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 5 624 842 A (OKUHARA ET AL) 29 April 1997 (1997-04-29) cited in the application claim 1	18-20 1-3
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A	MOTAMEDI H ET AL: "The biosynthetic gene cluster for the macrolactone ring of the immunosuppressant FK506" EUROPEAN JOURNAL OF BIOCHEMISTRY, vol. 256, no. 3, 1998, pages 528-534, XP000906738 ISSN: 0014-2956 abstract page 528, right-hand column, line 16 - page 529, left-hand column, line 30	
A	REYNOLDS K A ET AL: "Rapamycin, FK506, and ascomycin-related compounds" DRUGS AND THE PHARMACEUTICAL SCIENCES, vol. 82, no. 82, 1997, pages 497-520, XP000906777 ISSN: 0360-2583 the whole document	

International application No. PCT/IB2004/003380

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: — because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 18 and 19 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

:... rmation on patent family members

International Application No
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